

Pyramid 2006

EMS: Where Are We Going?



October 20-22, 2006

At the Holiday Inn Select in Solomons, MD

Presented by

The Maryland Institute for Emergency Medical Services Systems
and the Emergency Education Council of Region V, Inc.

Hosted by

Calvert County Volunteer Fire & Rescue Association

Sponsored by

Calvert County Volunteer Fire & Rescue Association

Charles County Association of EMS

St. Mary's County Rescue Squad Association

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Pyramid 2006, Southern Maryland's 18th annual EMS conference, is designed to meet the continuing education needs of Maryland's prehospital BLS and ALS providers. This year's theme "EMS: Where Are We Going?" focuses on charting an improved path for EMS. With the revelations within the Institute of Medicine Report, EMS will be faced with difficult challenges leading to changes in future practice. General sessions on Saturday and Sunday, as well as a wide variety of afternoon breakout sessions, will center on these challenges.

The Conference Program

This conference program is open to all interested individuals at the cost of \$150 for all registrations. Attendees who register prior to October 1, 2006 will receive a free t-shirt. Preconference workshops have a separate charge.

Registration Policies

Preregistration is required. You may register online at www.eecreg5.org or mail or fax the registration form at the end of this handout. Registrations will be accepted in the Region V Office until October 16, 2006. Space is limited, so please register early to guarantee a space in the workshops selected. No walk-in registrations will be accepted.

Included in Your Registration

Registration for two days of Pyramid (October 21 & 22) includes: admission to all General Sessions and up to 4 breakout workshops; continental breakfasts and lunches; and one copy of the Pyramid 2006 Proceedings, with all available handouts for each session.

Preconference workshop registration is separate from the main conference and requires an additional fee (see registration form). Preconference registration includes admission to and handout materials for the selected workshop, as well as continental breakfast and lunch.

Registration Confirmation

Confirmation letters will be sent. If the confirmation letter has not been received by October 18, 2006, it is the responsibility of the attendee to verify that his/her registration has been received.

Payment Information

Payment may be made in the form of checks, money orders, Visa, or Mastercard. There is a \$30 fee for all returned checks. We can invoice Maryland government, EMS agencies, and Maryland hospitals directly for the program. We cannot invoice Federal agencies or out-of-state agencies or organizations.

Payment information must accompany registration.

Cancellations

Cancellation notices submitted in writing to Region V and postmarked no later than October 16, 2006 will be eligible for a full refund, excluding a \$25 administrative fee. Refunds will be made only if requested in writing; the letter must state registrant's name. If a registrant is unable to attend, another per-

son may be substituted, on the condition that a letter from the original registrant or sponsoring agency authorizing the substitution accompanies the new registration. No refunds will be issued for cancellations postmarked after October 16, 2006.

Schedule Changes and Right to Cancel

Every effort has been made to ensure accurate information in this brochure. However, occasionally, due to unforeseen circumstances, it becomes necessary to make changes to the schedule. *The Emergency Education Council of Region V reserves the right to cancel or make changes in course offerings, presenters, and session times without prior notice to attendees.*

Continuing Education

Prehospital continuing education credits for Maryland are indicated after each session. Each attendee will receive a certificate of attendance for the conference.

Hotel Accommodations

A limited number of rooms have been reserved at the Holiday Inn Select Solomons at special discounted rates for Pyramid participants. These special prices can be guaranteed until Tuesday, September 19, 2006, or until the block of rooms sells out, whichever comes first. After this date, the availability of discounted rooms cannot be guaranteed.

To obtain these discounted rates, please use conference code **ERV**.

All rates are per day and are subject to 10% tax (5% state tax, 5% county tax)

Single \$84 Double \$84

To make reservations, please call 1-800-356-2099 or 410-326-6311.

Special Accommodations

If you require special accommodations to attend the workshops, please provide information about your requirements at time of registration.

We have made every effort to choose healthy food for the meals provided. If you require a special menu or have specific nutritional needs, please let us know.

Additional Information

For additional information, please contact the Region V Office of MIEMSS at 301-474-1485 or toll free at 1-877-498-5551 (Maryland only) or visit us on the web at www.miemss.org or www.eecreg5.org.

Pyramid 2006

Friday, October 20, 2006—Preconference Programs

Quality Assurance Officer Update (9:00 AM–4:00 PM)

Based upon feedback from the Quality Assurance Officer Course, this workshop will include a question and answer session with MIEMSS Assistant Attorney General Sarah Sette. Other topics will provide practical examples of the interface Quality Assurance and Operations and advice on conducting incident inquiries. This course is designed to meet the continuing education needs of quality assurance officers. It is open to all. (6 Hours BLS: L, ALS: 2)

Learn the Art of Moulage: Become a Moulage Technician (8:00 AM–4:00 PM)

This daylong workshop will show you how to create mock injuries that look realistic, from gunshot wounds and burns to broken bones. This art has become very important in planning and conducting mass casualty exercises. The workshop is open to ANYONE interested. After completing this workshop, you may join a team that can be called upon to assist in the moulage of victims for upcoming disaster exercises. (7 Hours BLS: L, ALS: 2)

BLS Geriatric Education for Emergency Medical Services (GEMS) (8:00 AM–5:00 PM)

This 8-hour Geriatric Education for Emergency Medical Services (GEMS) BLS Course is designed by the American Geriatrics Society and National Council of State Emergency Medical Services Training Coordinators. The program consists of case-based lectures, live action video demonstrating hands-on skills covered in the course, hands-on skill stations and small group scenarios to help students apply information from the course. The program is open to BLS providers and instructors. (8 hrs. BLS: M, ALS: B)

Saturday, October 21, 2006

7:00 AM Registration, Vendor Exhibits, Continental Breakfast

8:00 AM Opening Ceremonies & State of the State

8:30 AM EMS at the Crossroads

The Institute of Medicine's Committee on the Future of Emergency Care in the United States Health System was convened in 2003 to examine the state of emergency care in the U.S. and to create a vision for the future of emergency care, along with suggestions on how to achieve that vision. Dr. Robert Bass, MIEMSS Executive Director, and Dr. Joseph Wright, Associate State EMS Pediatric Medical Director, will discuss the Committee's findings and recommendations, describing how the IOM report will change the face of EMS. (1 Hour BLS: L, ALS: 2)

9:30 AM How Safe Are You in Your Ambulance?

This presentation will provide an insider view of the NIOSH Evaluation of Emergency Services Vehicle Occupant Safety Project. Highlights include a review of ambulance crash statistics, hazard identification, as well as development of occupant restraint systems and the modeling of ambulance crash scenarios. (1 Hour BLS: L, ALS: 2)

10:30 AM Morning Break, Visit with Vendors

11:00 AM The Question of the Golden Hour – When to Fly?

Determining which category from the trauma decision tree the patient belongs to can be challenging. Dr. Terry Jodrie, Region V Medical Director, will clarify the protocol and discuss the usage of medevac helicopters in the decision-making process. (1.5 Hours BLS: T, ALS: B)

12:30 PM Lunch, Visit with Vendors

1:30 PM–3:00 PM Breakout Workshops

A1. Understanding Aging

We could tell you about the changes in sensory and physical capabilities that frequently occur with advancing age and how they impact the ability to provide optimum care – or we could help you experience these changes. This workshop will give you realistic experiences of the special needs of elderly patients. Presented by Leona Rowe & Marie Warner-Crosson, MIEMSS. (1.5 Hours BLS: M, ALS: A)

A2. Spinal Cord Injuries

In this session, Karen McQuillan, RN, MS, CCRN, CRNN, Clinical Nurse Specialist at the R Adams Cowley Shock Trauma Center, will discuss the recognition and management of trauma patients with spinal cord injuries. (1.5 Hours BLS: T, ALS: B)

A3. Forensics & EMS

Have you ever watched "Forensic Files" or "CSI" on television? This lecture will take a look at the role of the medical examiner and how you can help us as an EMS provider. Some deaths by natural causes may not be as natural as you might think. Presented by Dr. Frank Slovinski. (1.5 Hours BLS: L, ALS: 2)

A4. The MCI: An Exercise in Triage, Treatment & Transport

This program will review the basic foundations of management of a mass casualty incident, including the roles of the various EMS positions within the IMS structure. A small exercise will combine theories and principles as students manage a simulated MCI. This course is designed to last 3 hours and is limited to 40 participants. (3 Hours BLS: L, ALS: 2)

A5. Pain: Assessment & Management

Ouch – it hurts. Pain assessment and management are every patient's right and every provider's challenge. Dr. Allen Walker, Maryland EMSC, will discuss the questions to ask when taking a patient's history and the symptoms to look for when determining the proper management of pain in the out-of-hospital environment. (1.5 Hours BLS: M, ALS: A)

2:45 PM Break, Visit with Vendors

3:00 PM–4:30 PM Breakout Workshops

B1. Cardiovascular Emergencies

The goal of the “Cardiovascular Emergencies” lecture will be to learn how to assess circulation in the pediatric patient using the Pediatric Assessment Triangle and the basic skills of resuscitation, the ABCDE’s. The discussion will focus on the early recognition, appropriate management, and stabilization of compensated and decompensated shock, arrhythmias, and cardiopulmonary failure. Preventative strategies and risk factors for cardiovascular emergencies will be reviewed. Presented by Dr. Karen O’Connell, Children’s National Medical Center. (1.5 Hours BLS: M, ALS: A)

B2. Safe Transports of Children

Children come in all sizes and there is not an ambulance or stretcher designed to fit them. Learn the “best practices” and principles of moving children safely in ambulances from Cyndy Wright-Johnson, Maryland EMSC Program Director. Practice with some of the devices for immobilizing and securing the very young. (1.5 Hours BLS: T, ALS: B)

B3. Psychological First Aid for EMS Providers

There will always be that one call that is forever etched in your brain. Each provider deals with those instances differently. Yet there are certain things we can do to help one another through those rough calls, and this lecture will identify some of those skills. Presented by Rene Fechter, MS, NREMT-P, Director, State Office of Commercial Ambulance Licensing and Regulation. (1.5 Hours BLS: L, ALS: 2)

B4. CHF vs. COPD

Is it wheezes or rales? Asthma or heart failure? Dr. Terry Jodrie, Region V Medical Director, will provide the clues to understanding your patient, including medications, signs, and symptoms. Differentiating between CHF and COPD is critical to providing the appropriate patient care. *ALS Only* (1.5 Hours ALS: A)

Sunday, October 22, 2006

8:00 AM Registration, Vendor Exhibits, Continental Breakfast

9:00 AM—10:30 AM Breakout Workshops

C1. Tracheostomy Care & Ventilator Management

Not familiar with suctioning a trach? Do you know how to manage a patient with a ventilator? This workshop will provide an in-depth education on caring for a patient with a tracheostomy or on a home ventilator. Presented by faculty from Maryland EMSC. This course is designed to last three hours. (3 Hours BLS: M, ALS: A)

C2. Damage Control EMS: Managing the ABC’s

No one’s time is more precious than the critically ill patient’s. In this workshop, James Radcliffe, EMS Coordinator at the R Adams Cowley Shock Trauma Center, will discuss call management and damage control, as well as the concept of finding balance in prehospital rapid assessment, treatment, and transport. Sometimes you just need to swoop and scoop. (1.5 Hours BLS: T, ALS: B)

C3. Helicopter Operations

Medevac helicopters provide patients with rapid access to advanced care and rapid transport to specialty referral centers. They are even considered a “standard of care” in some areas, but there are dangers. What do flight crews have to consider when making the “go – no go” decision? This program examines the dynamics of scene medevac missions. Your decisions and actions can dramatically alter the outcome of a mission. Learn how to save time without sacrificing safety. Presented by First Sergeant Charlie Eisele, BS, NREMT-P, Maryland State Police Aviation Division. (1.5 Hours BLS: L, ALS: 2)

C4. The MCI: An Exercise in Triage, Treatment & Transport

See A4 for complete description. (3 Hours BLS: L, ALS: 2)

C5. The Critical Point of Patient Care— ALS/BLS Interface

The relationship between ALS & BLS is crucial to patient outcome. Yet, historically, provider complaints and personnel issues can be traced back to this interface. This lecture will take a look at the ALS/BLS interface and discuss some “best practices” to improve patient care. (1.5 Hours BLS: L, ALS: 2)

10:30 AM Break, Visit with Vendors

11:00 AM —12:30 PM Breakout Workshops

D1. Poisoning in the Elderly: An Increasing Problem for Health Care Providers

Adults over the age of 60 have the highest rate of poisoning-related deaths. The elderly are particularly vulnerable to poisonings caused by medications. Factors that put older adults at risk for serious poisonings will be presented, as well as steps to take to prevent poisonings in this age group. Presented by Lisa Booze, PharmD, CSPI, Clinical Coordinator of the Maryland Poison Center. (1.5 Hours BLS: M, ALS: A)

D2. Capnography

Capnography has become the standard of care for verifying endotracheal tube placement and monitoring in the hospital and non-hospital settings. This workshop will review intubated applications (cardiac arrest, head trauma), then explore the use of capnography in non-intubated patients. Clinical guidelines for the use of capnography in the management of bronchospastic disease and hypoventilation states will also be presented. *ALS only*. Presented by Tim Phalen, BS, NREMT-P. Sponsored by MedTronic Physio Control. (1.5 Hours ALS: A)

D3. MIEMSS & Research

Why do we do what we do? Why carry a certain medication or use a particular piece of equipment? This lecture will look at how EMS research influences practice and how you can become involved in shaping the future of EMS. Examples of past and present research by MIEMSS will also be discussed. Presented by Chris Handley, Director of Data Informatics & Research, MIEMSS. (1.5 Hours BLS: L, ALS: 2)

12:30 PM Lunch, Visit with Vendors

1:30 PM Alcohol & Trauma

Alcohol, motor vehicles, bicycles, pedestrians, and stairwells do not mix well. Dr. Carl Soderstrom from the National Study Center for Trauma & EMS will discuss the impact alcohol has on people and how it can cause them to become trauma patients. (1.5 Hours BLS: T, ALS: B)

3:00 PM Survivor: EMS Style

Who will be the first to be voted off? Come to watch and participate as Dr. Richard Alcorta, State EMS Medical Director, leads a panel of volunteers through a series of cases. The audience will get the final say as to who is the “Ultimate EMS Survivor.” (1 Hour BLS: L, ALS: 2)

(Please Print)

Primary Affiliation_____

Registrations will be accepted until October 16, 2006 if space is available.